Exhibit 1: Prairie Research Institute

1. D. 5
2. geologists, archaeologists, hydrologists, engineers, biologists, botanists, zoologists, chemists, and physicists.

Exhibit 2: Paleontology: The Study of Fossils

1. C. The Tully Monster
2. A fossil is the preserved remains of an ancient organism.

Exhibit 3: Backyard Biodiversity: Insects of Illinois and Beyond

1. B. Egg, caterpillar, chrysalis (pupae), adult
2. A. The female mosquito needs extra energy to lay her eggs.

Exhibit 4: Invasive Insect Investigators

1. C. Invasive
2. E. All of the above

Exhibit 5: Bioinspiration - Insects did it first

1. A. Plant Burr
2. True

Exhibit 6: Insect locomotion and engineering design

1. B. Spines on their legs
2. No

Exhibit 7: Lake Michigan: A Great Lake in a Great State

1. C. Zooplankton
2. False
Exhibit 8: Livers of the Rivers
1. D. All of the above
2. C. One gallon

Exhibit 9: Aquatic Invasive Species
1. C. Attach to the side of prey and being eating
2. A. They have stripes like a zebra

Exhibit 12: What can river otters teach us about human health?
1. C. Fish
2. B. We can test otter poop for pollution

Exhibit 13: Prairie Research Institute Library
1. C. A field guide
2. C. All of the above

Exhibit 15: See the Mahomet Aquifer in 3D
1. B. 200 feet
2. Geologists can show 3D land surface, aerial photography, maps, water-well records, drilling records, geophysical data, cross sections, and the water table.

Exhibit 17: The Many Wonders of Carbon Dioxide
1. A. Carbon Dioxide
2. True

Exhibit 18: Petroleum Comes From Where?
1. D. All of the above
2. A. Carbon (C)

Exhibit 20: What's All the Fuss About Aquifers?
1. C. Aquifer
2. C. The Mahomet Aquifer
Exhibit 21: Water Corrosion and “Boiler” Scale

1. No
2. Yes

Exhibit 22: Why Geological Records?

1. C. Southern Illinois
2. C. 1,235

Exhibit 23: Measuring the Weather

1. A. Aneometer
2. False

Exhibit 25: IDOT: Stewards of the Environment

1. True
2. IDOT services include restoring wetlands, archaeological excavation, and identifying ways to minimize IDOT’s impact on the environment through sustainable technology.

Exhibit 26: IDOT: Wetland Plant and Soil Adaptations

1. A. Hydric
2. B. Hydrophites

Exhibit 27: IDOT: Bryophyte Bonanza!

1. D. All of the above
2. No

Exhibit 28: IDOT: Wetlands and Hydrology

1. C. 5 years
2. True
Exhibit 29: IDOT: People and the Changing Environment

1. D. 9,000 years
2. False

Exhibit 30: IDOT: Claiming Roads for Renewable Energy

1. B. It can be used as a renewable energy source

Exhibit 31: Build Illinois

1. B. The Ice Age
2. B. Coal

Exhibit 33: Big River, Big Fish

1. D. All of the above
2. False

Exhibit 34: Fisheries Biology

1. D. All of the above
2. True

Exhibit 35: Traveling Science Center

1. D. 54,000
2. You can help prevent the spread of exotic invasive species by cleaning all of your gear, not intentionally move plants or animals from one place to another and beware of hitchhikers on vehicles, firewood, in boxes.

Exhibit 37: Illinois American Water Company Mobile Education Center

1. C. The Mahomet Aquifer
2. D. 80-100 gallons

Exhibit 38: Flint Knapping

1. A. An ancient way of making tools using stone
2. True
Exhibit 39: Archaeology in Illinois: Rocks, Bones, Pots, and People

1. E. All of the above
2. Archaeologists may find dog burials, hearths, remains of posts, houses, and storage pits.

Exhibit 40: Animal Bones of Illinois

1. E. all of the above

Exhibit 42: After a Storm, Where Does the Water Go?

1. A floodplain is flat plain located along a stream where water goes during a flood.
2. Detention ponds are ponds that are designed to receive and hold runoff for release at a desired rate to reduce flooding in the floodplain.

Exhibit 43: Stream Erosion

1. A watershed is area of land where all the water runs to, or drains to the same place.
2. A nickpoint is a place in the stream bed that has a change in elevation or slope, such as a waterfall.

Exhibit 44: The “Weather” is Up, Up, and Away!

1. D. All of the above
2. True

Exhibit 45: Fossil and Mineral Dig

1. A fossil is any evidence of past animal or plant life.
2. B. Quartz